



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

| | | | | | | | | | | | | |
|--------------|--|-----------------------|--|---------------|--|---------------------|--|---------|-------------------------------------|------|--|--|
| Lined MSWLF | | LCID | | YW | | Transfer | | Compost | <input checked="" type="checkbox"/> | SLAS | | COUNTY: FRANKLIN PERMIT NO.: Compost Demonstration FILE TYPE: COMPLIANCE |
| Closed MSWLF | | HHW | | White goods | | Incineration | | T&P | | FIRM | | |
| CDFL | | Tire T&P / Collection | | Tire Monofill | | Industrial Landfill | | DEMO | | SDTF | | |

Date of Site Inspection: February 1, 2012 **Date of Last Inspection:** Initial inspection

FACILITY NAME AND ADDRESS:

David Brantley & Sons, Inc.
37 Pine Ridge Road
Zebulon, NC 27597

GPS COORDINATES: N: 35.92656 E: 078.25294

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Shane Brantley, Owner/Operator
Telephone: 888-817-1904
Email address: davidbrantleyandsons@yahoo.com
Fax: 252-478-4644

FACILITY CONTACT ADDRESS:

Same as above

PARTICIPANTS:

Mary Whaley, NCDENR, Solid Waste
Ben Barnes, NCDENR, Solid Waste
Dennis Shackelford, NCDENR, Solid Waste
Connie Wylie, NCDENR, Compost and Land Application
Shane Brantley, Owner/ Operator

STATUS OF PERMIT:

Site is eligible for a permit with the approval of the compost demonstration.

PURPOSE OF SITE VISIT:

Comprehensive audit

STATUS OF PAST NOTED VIOLATIONS:

NA

OBSERVED VIOLATIONS:

1. 15 A NCAC 13B .1406 (8) (A) states "Signs providing information on waste that can be received, dumping procedures, the hours during which the site is open for public use, the permit number and other pertinent information shall be posted at the site entrance. 15 A NCAC 13B .1406 (8) (C) states 'Signs shall be posted stating that no hazardous waste, asbestos containing waste, or medical waste can be received at the site.' The site is not open to the public, in which case, the sign must have at least, the permit number, an emergency contact number, and 'no hazardous waste, asbestos containing waste, or medical waste can be received at the site' written.

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The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS:

- 1 This was an inspection of a small Type 3 compost demonstration project whose application for the compost project was submitted to the Solid Waste Section with a revised date of March 5, 2009.
2. The materials to be composted include dewatered septage and/or grease with a bulking material. The bulking material being used at this time is wood chips supplied by Asplundh.
3. Composite samples of compost were tested according to the rules. The results were reviewed and all were within established limits.
4. Temperature records are kept and the logs were reviewed during the audit.
5. The area being used to compost and store product is under two acres. The finished 'product' is being kept at the site for several years prior to its future use as a Class A product. There is a pile of sand and soil on the site which is mixed in with the final product.
6. The compost method being used is the windrow method. The windrows are 5-7 feet high, approximately 40 feet in length and approximated 9 feet wide.
7. The dewatered sludge mixed with the bulking material is brought out to the area where the windrows are formed, on a concrete access path and stored on the concrete for another 24 hours or so to allow further dewatering, prior to being windrowed.
8. The site is approximately 1/2 mile off of the main road. There was not a heavy offensive odor to the site.
9. Easily visible markers should be established to show the boundaries of the compost area.
10. There were two or three small areas of ponding water. The site must be kept graded to prevent any ponding of water.
11. There was a pile of boards to the back of the site that needs to be removed.
12. Insure that a minimum of 25 feet, for emergency vehicle access is maintained around the site.
13. The access road was in good condition.
14. Insure that there is a 100 foot buffer between all parts of the compost site and any property line.

Please contact me if you have any questions or concerns regarding this inspection report.



Phone: 919-693-5023

Environmental Senior Specialist
Regional Representative

| | | | | | | | | |
|-----------------------------------|---|-------|--|---------------|--|---------|--|-------------------------|
| Sent on: <u>February 13, 2012</u> | X | Email | | Hand delivery | | US Mail | | Certified No. <u> </u> |
|-----------------------------------|---|-------|--|---------------|--|---------|--|-------------------------|

Copies: Dennis Shackelford, Eastern District Supervisor
Connie Wylie, Composting and Land Application
Tony Gallagher, Composting and Land Application
Ben Barnes, Solid Waste
Shawn McKee, Compliance Officer

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Small pile of lumber (to the right side) to be removed



Finished product to the rear of the site



Pile of sand and soil to be mixed with final product



Septage and/or grease mixed with bulking material, on concrete dewatering another 24 hours



Windrowed material



Bulking material